

METHODS OF GENERATOR ROTOR REMOVAL
IN A COMBINED-CYCLE STAG APPLICATION

ABSTRACT OF THE DISCLOSURE

Support feet of a generator are mounted on foundation columns spaced laterally one from the other, with one column having a block in a recess for receiving the feet on one side of the generator. Guides on a radius and supported by the generator foundation extend through notches on the underside of the block. To locate an end of the generator displaced horizontally from the turbines, the generator is unloaded from the foundation and the block is removed. The generator is then loaded onto the guides and pivoted about a vertical axis to locate at least one end out of alignment with the axis of the turbines enabling removal of the generator rotor in an axial direction. By employing two blocks set in recesses in the opposite columns and sets of tracks which extend into the notches, the generator can be rotated about a vertical axis through its center to locate the generator rotor in axially non-interfering positions with the adjacent turbines.